

2003

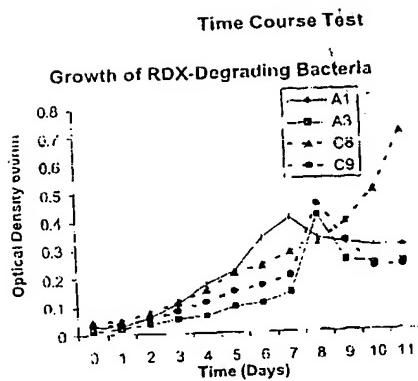


Fig. 1

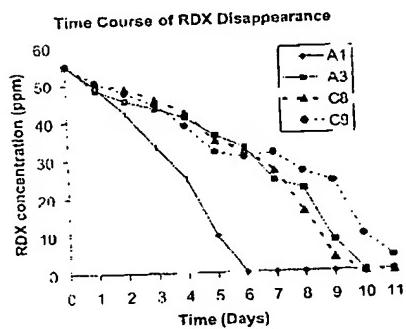


Fig. 2

Q001

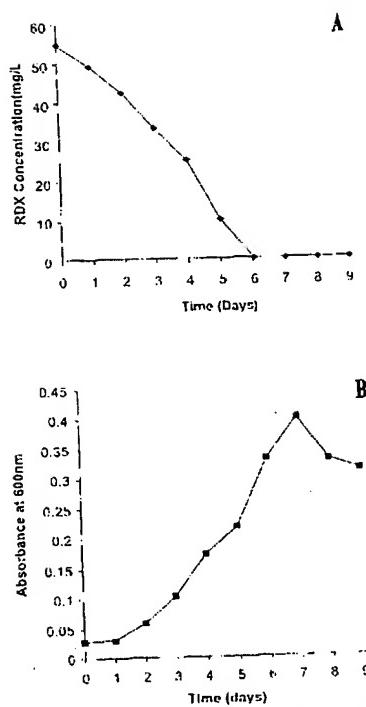


Figure 3. RDX concentration in the culture of bacteria A1 (A) and growth (B) in mineral mineral salt medium.

Q003

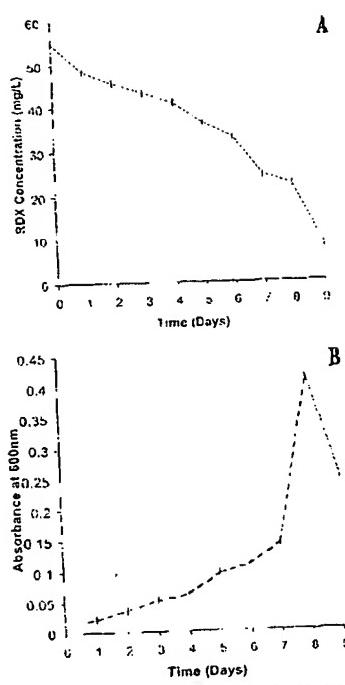


Figure 4. RDX concentration in the culture of bacteria A3 (A) and growth (B) in minimal mineral salt medium

Group

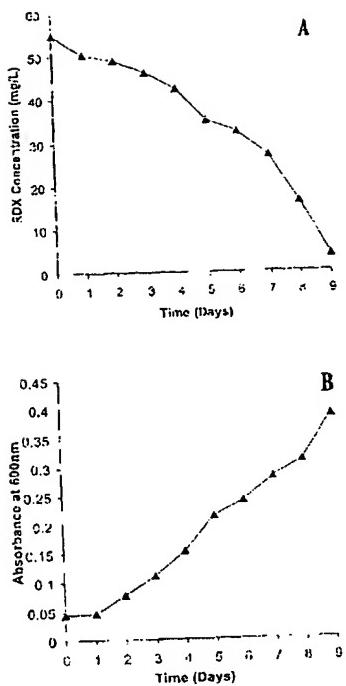


Figure 5. RDX concentration in the culture of bacteria C8 (A) and growth (B) in minimal mineral salt medium.

Q007

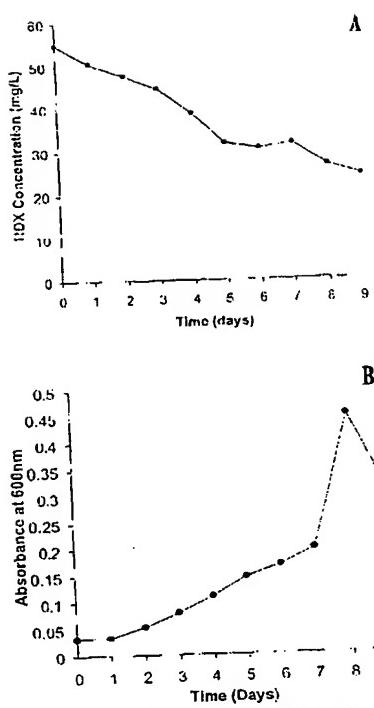
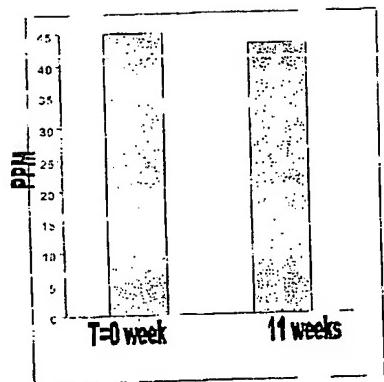


Figure 6. RDX concentration in the culture of bacteria C9 (A) and growth (B) in minimal mineral salt medium.

Fig 7



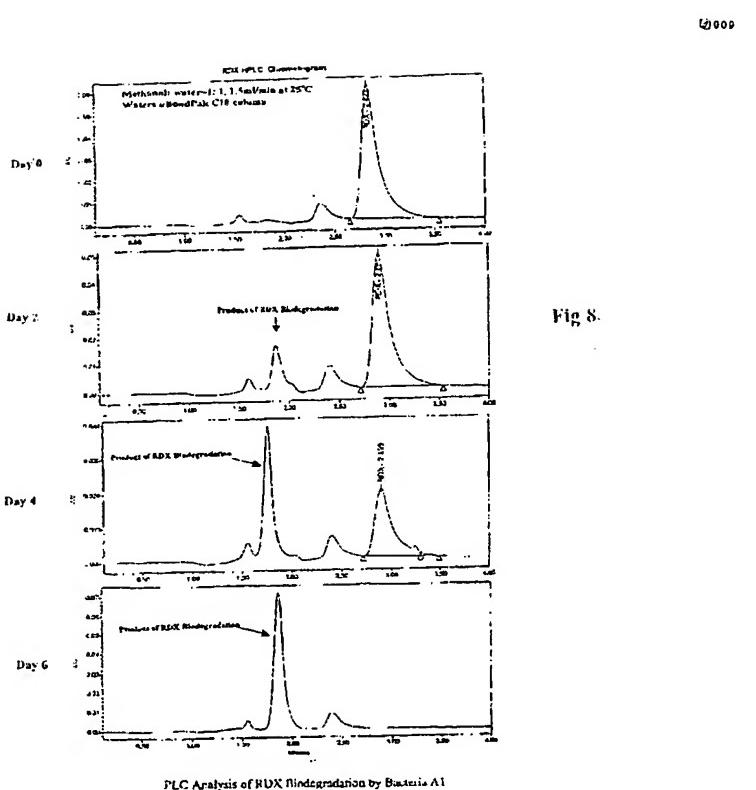


Fig 8.

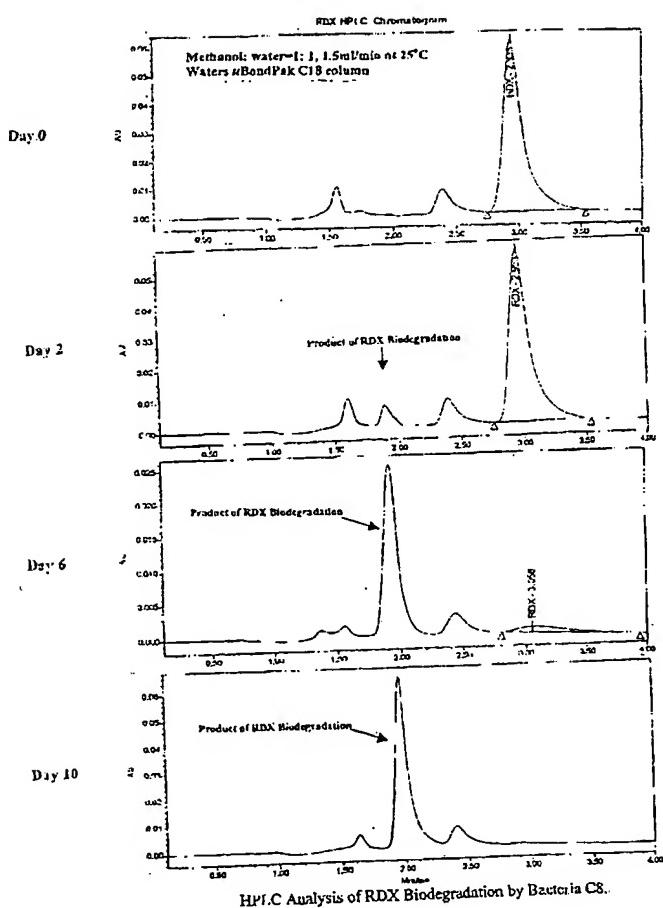
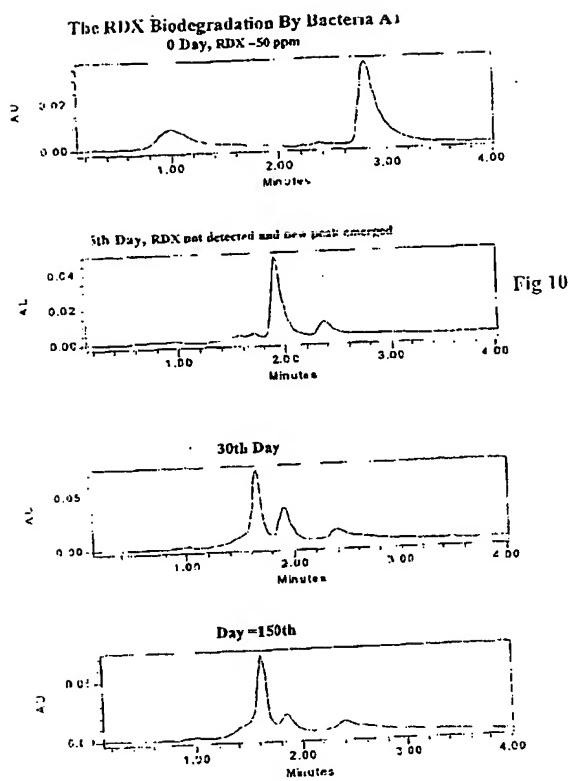


Fig 9



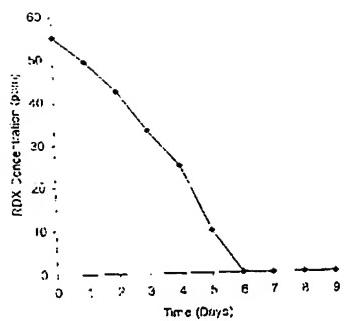


Fig. 11. Bioremediation time course study for RDX degradation by Rhizobium rhizogenes (ATCC designated number: PTA-4110) in minimal salt medium with carbon source supplement (glucose : 2 g per liter). All RDX was degraded within 6 days of incubation. Data points represent duplicate cultures.

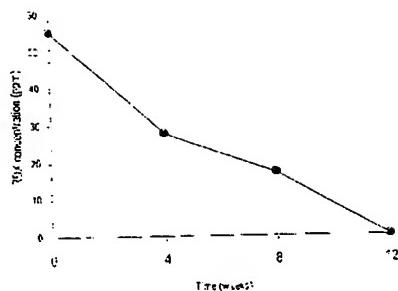


Fig. 12. The time course of RDX degradation by *Cladosporium cladosporioides* (ATCC 66665) in minimal salt medium with carbon source supplement (glucose 2 g per liter). Total RDX disappeared after 12-week incubation. Data points represent duplicate cultures. Formaldehyde, nitrite and nitrate were also detected in culture media during the course of experiment which indicated complete RDX degradation.